



## FUSE BOX EKM-2035

### FUSE BOX FOR APPLICATION IN LIGHTING POLES

#### KEY FEATURES

- Suitable for application in lighting poles with diameter  $\geq 110$  mm
- Sliding terminals allow simple and secure connection up to  $50 \text{ mm}^2$
- Touch proof at maintenance
- Version with DIN-rail can be equipped with MCBs or other installation devices; cover cut-out can be easily adapted

TE Connectivity's (TE) EKM-2035 provides a proven solution for connection and protection of luminaires in lighting poles. With its installer-friendly sliding terminals, EKM-2035 can be mounted fast and reliably in all 4-pole street lighting grids.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.



## TESTING

Detail	Data
Application range	inside of lighting poles
Pole inner diameter	> 110 mm
Min. dimension of hand hole W x H	90 x 300 mm
Degree of protection	IP 44
Protection class	II
Cable cross section feeder cable	up to 2 x 4 x 4 - 50 mm <sup>2</sup> or 3 x 4 x 4 - 35 mm <sup>2</sup> (cable dia. 16 - 35 mm)
Cable cross section luminaire cable	1 x 3 x 1,5 mm <sup>2</sup> - 2 x 5 x 2,5 mm <sup>2</sup> (cable dia. 8-14 mm) or 2 x 4 wires dia. 1,5 - 3 mm
Dimensions H x W x D	290 x 93,5 x 89 mm
Feeder cable terminals	4 sliding terminals
Fuse system	1/ 2 X D II (E27)
Pinning	L1, L2, L3, PEN
Protection against contact to life parts	acc. BGV A3
Material	impact resistant, flame retardant, thermoplastic material
Cover details	transparent cover with screw lock for fuse maintenance
Luminaire cable sealing	2 rubber glands

## PRODUCT SELECTION INFORMATION

Description		for 1 cable (mm <sup>2</sup> )	for 2 cables (mm <sup>2</sup> )	for 3 cables (mm <sup>2</sup> )	Part Number
EKM-2035-1D2	1 fuseholder DII (E27), 4 sliding terminals	4 x 4-50	4 x 4-50	4 x 4-35	059062-000
EKM-2035-2D2	2 fuseholder2 DII (E27), 4 sliding terminals	4 x 4-50	4 x 4-50	4 x 4-35	A27844-000
EKM-2035-1R	1DIN-rail, 4 sliding terminals	4 x 4-50	4 x 4-50	4 x 4-35	E67365-000
EKM-2035-0D0	4 sliding terminals	4 x 4-50	4 x 4-50	4 x 4-35	E84793-000

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